

CLAIMS

What is claimed is:

- 1 1. A system for providing notifications based on a plurality of resources,  
2 comprising:  
3 a first program that receives notification alerts from the plurality of  
4 resources, generates notifications based on the notification alerts, and delivers the  
5 notifications; and  
6 a second program that receives and presents the notifications without  
7 generating an interrupt and provides access to a designated resource.
- 1 2. The system of claim 1, wherein the second program presents the  
2 notifications as interactive sprites.
- 1 3. The system of claim 1, wherein the notifications comprise dynamic data.
- 1 4. The system of claim 1, wherein the designated resource comprises a  
2 program.
- 1 5. The system of claim 1, wherein the designated resource comprises a  
2 program that generated the corresponding notification alert.

1       6.       The system of claim 1, wherein the first program provides a centralized  
2       interface for a resource generating a notification alert.

1       7.       The system of claim 1, wherein the second program provides a single  
2       presentation interface for a resource generating a notification alert.

1       8.       The system of claim 1, wherein the second program provides a single input  
2       interface to interact with a resource generating a notification alert.

1       9.       The system of claim 1, wherein the second program provides receipt  
2       confirmations for successfully delivered notifications.

1       10.      The system of claim 1, wherein the notification alerts comprise notification  
2       content and recipient identification.

1       11.      The system of claim 1, wherein the notification alerts specify a notification  
2       type for the notification.

1     12.     The system of claim 11, wherein the notification type specifies at least one  
2     of:  
3             format;  
4             priority level;  
5             retry schedule;  
6             escalation schedule.

1     13.     The system of claim 12, wherein the format comprises at least one of:  
2             graphics;  
3             video;  
4             audio;  
5             text.

1     14.     The system of claim 1, further comprising a user interface module that  
2     allows a user to configure and customize the system.

1     15.     The system of claim 1, further comprising a system reporting module that  
2     monitors and reports system activities.

1 16. A system for providing notifications based on a plurality of resources,  
2 comprising:

3 a server executing a first program for receiving notification alerts from the  
4 plurality of resources, generating notifications based on the notification alerts, and  
5 delivering the notifications; and

6 a client executing a second program and a third program, said second  
7 program receiving and presenting the notifications without interfering with  
8 execution of said third program, and providing access to a designated resource.

1 17. The system of claim 16, wherein the third program comprises a program  
2 executing in the foreground of the client.

1 18. The system of claim 16, wherein the second program does not generate  
2 interrupts in course of receiving and presenting the notifications.

1 19. The system of claim 16, wherein the second program presents the  
2 notifications as interactive sprites.

1 20. The system of claim 16, wherein the notifications comprise dynamic data.

1 21. The system of claim 16, wherein the designated resource comprises a  
2 program.

1 22. The system of claim 16, wherein the designated resource comprises a  
2 program that generated the corresponding notification alert.

1 23. The system of claim 16, wherein the first program provides a centralized  
2 interface for a resource generating a notification alert.

1 24. The system of claim 16, wherein the second program provides a single  
2 presentation interface for a resource generating a notification alert.

1 25. The system of claim 16, wherein the second program provides a single  
2 input interface to interact with a resource generating a notification alert.

1 26. The system of claim 16, wherein the second program provides receipt  
2 confirmations for successfully delivered notifications.

1 27. The system of claim 16, wherein the notification alerts comprise  
2 notification content and recipient identification.

1       28.     The system of claim 16, wherein the notification alerts specify a notification  
2       type for the notification.

1       29.     The system of claim 28, wherein the notification type specifies at least one  
2       of:

3             format;  
4             priority level;  
5             retry schedule;  
6             escalation schedule.

1       30.     The system of claim 29, wherein the format comprises at least one of:  
2       graphics;  
3       video;  
4       audio;  
5       text.

1       31.     The system of claim 16, further comprising a user interface module that  
2       allows a user to configure and customize the system.

1     32.     The system of claim 16, further comprising a system reporting module that  
monitors and reports system activities.

1     33.     A system for providing interactive notifications based on a plurality of  
2     resources, comprising:

3             a notification manager that generates notifications based on the notification  
4     alerts received from the plurality of resources, and delivers the notifications;

5             a notification device; and

6             a client operatively coupled to the notification device that receives the  
7     notifications and presents the notifications as interactive sprites on the notification  
8     device.

1     34.     The system of claim 33, wherein the interactive sprites comprise dynamic  
2     data.

1     35.     The system of claim 33, wherein the designated resource comprises a  
2     program.

1     36.     The system of claim 33, wherein the designated resource comprises a  
2     program that generated the corresponding notification alert.

1 37. The system of claim 33, wherein the notification manager provides a  
2 centralized interface for a resource generating a notification alert.

1 38. The system of claim 33, wherein the client provides a single presentation  
2 interface for a resource generating a notification alert.

1 39. The system of claim 33, wherein the client provides a single input interface  
2 to interact with a resource generating a notification alert.

1 40. The system of claim 33, wherein the client provides receipt confirmations  
1 for successfully delivered interactive notifications.

1 41. The system of claim 33, wherein the notification alerts comprise  
2 notification content and recipient identification.

1 42. The system of claim 33, wherein the notification alerts specify a notification  
2 type for the interactive sprite.



1     43.     The system of claim 32, wherein the notification type specifies at least one  
2     of:  
3             format;  
4             priority level;  
5             retry schedule;  
6             escalation schedule.

1     44.     The system of claim 43, wherein the format comprises at least one of:  
2             graphics;  
3             video;  
4             audio;  
5             text.

1     45.     The system of claim 33, further comprising a user interface module that  
2     allows a user to configure and customize the system.

1     46.     The system of claim 33, further comprising a system reporting module that  
2     monitors and reports system activities.

1     47.     A method for providing interactive notifications, comprising the steps of:

- 2 (a) receiving notification alerts by operation of a plurality of resources;  
3 (b) generating interactive notifications based upon content of the  
4 notification alerts;  
5 (c) presenting the interactive notifications through a client without  
6 interfering with operation of the client; and  
7 (d) providing access to a designated resource through the interactive  
8 notifications.

1 48. The method of claim 47, wherein said step (c) includes presenting the  
2 interactive notifications as interactive sprites.

1 49. The method of claim 47, wherein said step (c) includes presenting dynamic  
2 data through the interactive notifications.

1 50. A computer readable medium storing a set of instructions which when  
2 executed by a computer causes the computer to provide a system for providing  
3 interactive notifications by performing the following steps:

- 4 (a) receiving event notification alerts by operation of a plurality of  
5 resources;

- 6 (b) generating interactive notifications based upon content of the event  
7 notification alerts;
- 8 (c) presenting the interactive notifications through a client without  
9 interfering with operation of the client; and
- 10 (d) providing access to a designated resource through the interactive  
11 notifications.

- 1 51. The computer readable medium of claim 50, further including instructions  
2 to perform the following step:
- 3 presenting the interactive notifications as interactive sprites.

- 1 52. The computer readable medium of claim 50, further including instructions  
2 to perform the following step:
- 3 presenting dynamic data through the interactive notifications.